

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	20	"56"/\$.ccls. and "fuel cell" and mow\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/02 15:15
L7	61	"56"/\$.ccls. and "power cord" and mow\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/02 15:15
L8	434	(56/10.2r).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/02 15:32
L9	3	("2926478").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/02 15:35
S1	67503	heinz.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 19:36
S2	90	heinz.in. and "56"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 19:56
S3	20	((("4031696") or ("4052789") or ("4064680") or ("4987729") or ("5007234") or ("5261217") or ("5572856") or ("5761892") or ("6427429")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 19:57
S4	0	"56"/\$.ccls. and "angle of attack"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:04

## EAST Search History

S5	0	"angle of attack"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:04
S6	1058	"56"/\$.ccls. and mow\$3 and (blade with (tilt\$3 or angle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:05
S7	624	"56"/\$.ccls. and mow\$3 and (blade with (tilt\$3 or angle?))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:05
S8	1144	"56"/\$.ccls. and mow\$3 and (blade with (tilt\$3 or angle\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:06
S9	264	"56"/\$.ccls. and mow\$3 and (blade with tilt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:08
S10	61	"56"/\$.ccls. and mow\$3 and (blade with tilt\$3 with (horizontal or ground))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:08
S11	1	("2478558").URPN.	USPAT	OR	ON	2006/04/19 22:10
S12	4	("2931156").URPN.	USPAT	OR	ON	2006/04/19 22:14
S13	17	("3070938").URPN.	USPAT	OR	ON	2006/04/19 22:20
S14	1076	(56/255).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 22:22
S15	334	S14 and (tilt\$3 or angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 22:23
S16	710	"56"/\$.ccls. and ((blade or cut\$3 or string or line) same horizontal same (ang\$5 or tilt\$3))	USPAT	OR	OFF	2006/09/06 21:07
S17	390	"56"/\$.ccls. and ((blade or cut\$3 or string or line) same horizontal same (ang\$5 or tilt\$3)) and mow\$3	USPAT	OR	OFF	2006/09/06 21:07

## EAST Search History

S18	1	("2478558").URPN.	USPAT	OR	OFF	2006/09/06 21:28
S19	18	("1945733"   "2632988"   "2654199"   "2751028"   "2974469"   "3023561"   "3063225"   "3157014"   "3254481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:28
S20	5	("3654750").URPN.	USPAT	OR	OFF	2006/09/06 21:29
S21	8	("2621461"   "2724228"   "3307338"   "3492798").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:29
S22	7	("3665686").URPN.	USPAT	OR	OFF	2006/09/06 21:30
S23	4	("2588764"   "3295301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:30
S24	4	("3796268").URPN.	USPAT	OR	OFF	2006/09/06 21:30
S25	4	("3796268").URPN.	USPAT	OR	OFF	2006/09/06 21:31
S26	13	"56"/\$.ccls. and ("drive shaft" with tilt\$3)	USPAT	OR	OFF	2006/09/06 21:31
S27	0	"56"/\$.ccls. and ("drive shaft" with inclin3)	USPAT	OR	OFF	2006/09/06 21:31
S28	29	"56"/\$.ccls. and ("drive shaft" with angled)	USPAT	OR	OFF	2006/09/06 21:32
S29	10	("1054256"   "2541777"   "3325982"   "3434271"   "3599404"   "3673774").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:33
S30	4	("4070809").URPN.	USPAT	OR	OFF	2006/09/06 21:33
S31	4	("3699755"   "3754384"   "3896609"   "4077192").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:33
S32	11	("4182099").URPN.	USPAT	OR	OFF	2006/09/06 21:33
S33	12	("2625784"   "2986864"   "3017732"   "3507102"   "3751889"   "3965658"   "3974630"   "3987607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:34
S34	15	("4227365").URPN.	USPAT	OR	OFF	2006/09/06 21:34
S35	9	("2071872"   "2114096"   "3157014"   "3500620"   "4112653").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:35
S36	24	("4232505").URPN.	USPAT	OR	OFF	2006/09/06 21:35
S37	6	("3138911"   "3487615"   "3913304"   "4019308").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:36
S38	17	("4302922").URPN.	USPAT	OR	OFF	2006/09/06 21:37
S39	7	("2810409"   "3949817"   "4179805"   "4200978"   "4226021"   "4285128").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:37

## EAST Search History

S40	9	("4360971").URPN.	USPAT	OR	OFF	2006/09/06 21:38
S41	22	("2648187"   "2848859"   "2894761"   "2915318"   "2938323"   "4083168"   "4179805"   "4224785"   "4226021"   "4232505"   "4259782"   "4280319"   "4302878"   "4389836"   "4428183"   "4450673"   "4531350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:38
S42	8	("4633658").URPN.	USPAT	OR	OFF	2006/09/06 21:39
S43	2	("3049852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:40
S44	1	("6062011").URPN.	USPAT	OR	OFF	2006/09/06 21:40
S45	6	("4326370"   "4951449"   "5355666"   "5921072"   "6085508"   "6195969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 21:40
S46	0	("6425231").URPN.	USPAT	OR	OFF	2006/09/06 21:41
S47	3	("2114096").URPN.	USPAT	OR	OFF	2006/09/06 21:41
S48	14	("2625784").URPN.	USPAT	OR	OFF	2006/09/06 21:49
S49	24	"56"/\$.ccls. and ("drive shaft" with degrees)	USPAT	OR	OFF	2006/09/06 21:50
S50	369	"56"/\$.ccls. and ((blade or cutting or cutter or string or line) with degrees)	USPAT	OR	OFF	2006/09/06 21:50
S51	224	"56"/\$.ccls. and mower and ("electric motor" with engine)	USPAT	OR	OFF	2006/09/07 10:24
S52	2	"56"/\$.ccls. and mower and (("electric motor" with engine) same hybrid)	USPAT	OR	OFF	2006/09/07 10:33
S53	3	"56"/\$.ccls. and mower and ("fuel cell" with motor)	USPAT	OR	OFF	2006/09/07 10:38
S54	8	"56"/\$.ccls. and mower and (solar with batt\$4)	USPAT	OR	OFF	2006/09/07 10:47
S55	805	(56/6).CCLS.	USPAT; USOCR	OR	OFF	2006/09/07 10:47
S56	1001	(56/255).CCLS.	USPAT; USOCR	OR	OFF	2006/09/07 10:47
S57	159	S56 and motor	USPAT	OR	OFF	2006/09/07 10:49
S58	9	((("4,031,696") or ("4,052,789") or ("4,064,680") or ("4,987,729") or ("5,007,234") or ("5,261,217") or ("5,572,856") or ("5,761,892") or ("6,427,429"))).PN.	USPAT; USOCR	OR	OFF	2006/09/07 10:49
S59	37	"69110"	USPAT	OR	OFF	2006/09/07 11:14

## EAST Search History

S60	64	"69110"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/07 11:14
S61	2291	(56/6,255,320.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/29 16:19
S62	599	S61 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/29 16:19
S63	923	(56/14.3,17.3,17.4,dig.20).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/21 16:11
S64	0	("1459034").URPN.	USPAT	OR	ON	2007/04/25 16:55
S65	2	("2502696").URPN.	USPAT	OR	ON	2007/04/25 16:56
S66	2	("2513685").URPN.	USPAT	OR	ON	2007/04/25 16:56
S67	0	("2514278").URPN.	USPAT	OR	ON	2007/04/25 16:57
S68	0	("2669827").URPN.	USPAT	OR	ON	2007/04/25 16:57
S69	7	("2909885"   "3028719"   "3538692"   "3911652").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 16:57
S70	6	("4031696").URPN.	USPAT	OR	ON	2007/04/25 19:10
S71	3	("3664102"   "3859776"   "3928911"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:27
S72	45	("4052789").URPN.	USPAT	OR	ON	2007/04/25 18:27
S73	20	("2071872"   "2791876"   "2836024"   "2909885"   "3028719"   "3157014"   "3220170"   "3485018"   "3568421"   "3608291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:28
S74	27	("4064680").URPN.	USPAT	OR	ON	2007/04/25 18:48
S75	7	("3391524"   "3673778"   "3680294"   "3729911"   "3760572"   "4258539"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:50
S76	5	("4322938").URPN.	USPAT	OR	ON	2007/04/25 18:50

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S77	7	("3391524"   "3673778"   "3680294"   "3729911"   "3760572"   "4258539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:51
S78	7	("3212244"   "4141425"   "4516647"   "4592436"   "4882896"   "4942723").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:51
S79	24	("4987729").URPN.	USPAT	OR	ON	2007/04/25 18:51
S80	11	("3425197"   "3548570"   "3583514"   "3924389"   "4184559"   "4513562"   "4545453"   "4573547"   "4603753").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:52
S81	26	("5007234").URPN.	USPAT	OR	ON	2007/04/25 18:52
S82	11	("2728181"   "3006126"   "3242659"   "3964243"   "4532708"   "4916887"   "5012635"   "5019113").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:56
S83	3	("5261217").URPN.	USPAT	OR	ON	2007/04/25 18:56
S84	9	("2504268"   "2585405"   "3701238"   "4031696"   "4594842"   "4733525"   "4881363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:57
S85	0	("5551220").URPN.	USPAT	OR	ON	2007/04/25 18:57
S86	13	("3596450"   "3664102"   "3800902"   "4184559"   "4308676"   "4318266"   "4453372"   "4715169"   "4825627"   "4905465"   "4909024"   "4964265"   "5048278").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 18:57
S87	18	("5572856").URPN.	USPAT	OR	ON	2007/04/25 18:57
S88	76	("0005931"   "0162082"   "0431836"   "0578666"   "0597972"   "0703513"   "0806780"   "1351185"   "1368503"   "1576878"   "2032701"   "2149463"   "2190578"   "2592269"   "2633688"   "2720071"   "2924259"   "2931156"   "2942397"   "3073101"   "3093952"   "3184907"   "3321026"   "3408801"   "3724182"   "3971196"   "3998037"   "4229933"   "4245456"   "4297831"   "4306407"   "4322938"   "4429518"   "4578938"   "4631455"   "4631910"   "4711077"   "4715173"   "4736576"   "4779407"   "5123236"   "5167109"   "5210998"   "5233820"   "5274987"   "5291725"   "5311727"   "5325657"   "5375400"   "5402629"   "5444968"   "5467586").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 19:02
S89	6	("5761892").URPN.	USPAT	OR	ON	2007/04/25 19:03
S90	8	("4133404"   "4533998"   "4558760"   "4831813"   "4947324"   "4994970"   "5007234"   "5083629").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 19:05

## EAST Search History

S91	5	("6321515").URPN.	USPAT	OR	ON	2007/04/25 19:05
S92	28	("4035912"   "4104797"   "4205439"   "4232505"   "4242855"   "4267686"   "4395865"   "4429515"   "4452033"   "4487003"   "4756147"   "5020309"   "5065566"   "5101615"   "5146733"   "5210996"   "5224552"   "5303532"   "5471824"   "5572856"   "5577374"   "5581986"   "5771670"   "5910091"   "6105253"   "6122832"   "6182428"   "6185916").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 19:07
S93	1	("6427429").URPN.	USPAT	OR	ON	2007/04/25 19:09
S94	863	(56/6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 19:10
S95	15	("3548570"   "4133404"   "4777785"   "4817372"   "4831813"   "4873819"   "4887415"   "5004234"   "5461292"   "5906051"   "5974347"   "6009358"   "6255793"   "6338013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 19:14
S96	0	("7117660").URPN.	USPAT	OR	ON	2007/04/25 19:14
S97	22	("2751030"   "2850862"   "2909885"   "3425197"   "3507349"   "3550714"   "3570227"   "3650097"   "3789939"   "3924389"   "4133404"   "4318266"   "4500970"   "4545453"   "4573547"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 19:21
S98	24	("4777785").URPN.	USPAT	OR	ON	2007/04/25 19:22
S99	0	"56"/\$.ccls. and ("cutting shaft" with angl\$3)	USPAT	OR	ON	2007/04/25 19:23
S10 0	6	"56"/\$.ccls. and ("cutter shaft" with angl\$3)	USPAT	OR	ON	2007/04/25 19:23
S10 1	1	"56"/\$.ccls. and ("knife shaft" with angl\$3)	USPAT	OR	ON	2007/04/25 19:24
S10 2	7	"56"/\$.ccls. and ("blade shaft" with angl\$3)	USPAT	OR	ON	2007/04/25 19:24
S10 3	236	"56"/\$.ccls. and ("drive shaft" with angl\$3)	USPAT	OR	ON	2007/04/25 19:41
S10 4	0	("1459034").URPN.	USPAT	OR	ON	2007/04/25 21:02
S10 5	0	("6425231").URPN.	USPAT	OR	ON	2007/04/25 21:02

## EAST Search History

S10 6	6	("4326370"   "4951449"   "5355666"   "5921072"   "6085508"   "6195969").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 21:03
S10 7	2	("5463852").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 10:48
S10 8	2	("5433064").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 10:48
S10 9	4	((("5711141") or ("5191756"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/30 12:39
S11 0	6	"10039834"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:40
S11 1	6	"4202865"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:40
S11 2	6	"0554560"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:40
S11 3	6	"0554560"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:40
S11 4	27	"4434272"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:41



## EAST Search History

S11 5	6	"0782380"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:41
S11 6	16	"782380"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:41
S11 7	2	"19947416"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:42
S11 8	7	"0498294"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:42
S11 9	7	"0498294"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:42
S12 0	27	"498294"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:43
S12 1	20	"0756814"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:43
S12 2	22	((("5129217") or ("5491964") or ("4466235") or ("4951449") or ("4129977") or ("5191756") or ("5457947") or ("4258535") or ("5561972") or ("5913804") or ("6490850")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/30 12:51

## EAST Search History

S12 3	93	heinz.in. and "56"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/30 12:51
S12 4	2	("7117660").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/31 15:21
S12 5	15	("3548570"   "4133404"   "4777785"   "4817372"   "4831813"   "4873819"   "4887415"   "5004234"   "5461292"   "5906051"   "5974347"   "6009358"   "6255793"   "6338013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 15:25
S12 6	7	"56"/\$.ccls. and "fuel cell" and cord and batter\$3 and engine and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/02 11:29